Environmental Biology of Fishes **61:** 467–469, 2001.

Volume 61

Issue 1, pp. 1–116: May 2001
Issue 2, pp. 117–230: June 2001
Issue 3, pp. 231–352: July 2001
Issue 4, pp. 353–472: August 2001

Volume contents

Full papers

The seasonal aggregation of whale sharks at Ningaloo Reef, Western Australia: currents, migrations and the El Niño/Southern Oscillation, by S.G. Wilson, J.G. Taylor & A.F. Pearce 1–11

Distribution, movements and growth of young sandbar sharks, *Carcharhinus plumbeus*, in the nursery grounds of Delaware Bay, by R.R. Merson & H.L. Pratt, Jr. 13–24

The biology of tiger sharks, *Galeocerdo cuvier*, in Shark Bay, Western Australia: sex ratio, size distribution, diet, and seasonal changes in catch rates, by M.R. Heithaus 25–36

Size, sex and geographic variation in the diet of the tiger shark, *Galeocerdo cuvier*, from Western Australian waters, by C.A. Simpfendorfer, A.B. Goodreid & R.B. McAuley 37–46

Spatial distribution and temporal variance of fish communities in the channelized and regulated Vltava River (Central Europe), by O. Slavík & L. Bartoš 47–55

Threatened fishes of the world: Pseudobarbus burgi *(Boulenger, 1911) (Cyprinidae), by D. Impson* 56

Male parasitic spawning in two species of triplefin blenny (Tripterigiidae): contrasts in demography, behaviour and gonadal characteristics, by F.C. Neat 57–64

Challenges of external insemination in a tropical sparid fish, *Acanthopagrus berda*, by B.W. Molony & M.J. Sheaves 65–71

Threatened fishes of the world: Opsaridium microlepis *(Günther, 1864) (Cyprinidae), by D. Tweddle* 72

Ontogeny of the digestive and feeding systems in the anemonefish *Amphiprion melanopus*, by B.S. Green & M.I. McCormick 73–83

Development and aging of the liver and pancreas in the domestic carp, *Cyprinus carpio*: from embryogenesis to 15-year-old fish, by L. Fishelson & K. Becker 85–97

The influence of hydroregime on catch, abundance and recruitment of the catfish, *Chrysichthys nigrodigitatus* (Bagridae) and the bonga, *Ethmalosa fimbriata* (Clupeidae) of southeastern Nigeria's inshore waters, by B.S. Moses 99–109

Brief communication

Differences in feeding associations of benthophagous fishes in two locations, by K. Matsumoto & M. Kohda 111–115

Full papers

The sensory canal systems of the living coelacanth, *Latimeria chalumnae*: a new instalment, by K. Hensel & E.K. Balon 117–124

Head morphology and electrosensory pore distribution of carcharhinid and sphyrnid sharks, by S.M. Kajiura 125–133

Changes in composition during embryo development of the gulper shark, *Centrophorus granulosus* (Elasmobranchii, Centrophoridae): an assessment of maternal-embryonic nutritional relationships, by J. Guallart & J.J. Vicent 135–150

Aspects of reproductive biology of the scalloped hammerhead shark, *Sphyrna lewini*, off northeastern Brazil, by F. Hazin, A. Fischer & M. Broadhurst 151–159

Threatened fishes of the world: Acipenser persicus *Borodin, 1897 (Acipenseridae), by P. Vecsei & E. Artyukhin* 160

Gonad morphology, colony demography and evidence for hermaphroditism in *Gobiodon okinawae* (Teleostei, Gobiidae), by K.S. Cole & D.F. Hoese 161–173

Extended breeding season in the marbled goby, *Pomatoschistus marmoratus* (Teleostei: Gobiidae), in the Venetian Lagoon, by C. Mazzoldi & M.B. Rasotto 175–183

Variation in prey-resource utilization and oral jaw gape between two populations of largemouth bass, *Micropterus salmoides*, by S.H. Huskey & R.G. Turingan 185–194

Resource use by *Enneapterygius rufopileus* and other rockpool fishes, by V. Silberschneider & D.J. Booth 195–204

Learned recognition of novel predator odour by zebra danios, *Danio rerio*, following time-shifted presentation of alarm cue and predator odour, by N.L. Korpi & B.D. Wisenden 205–211

Threatened fishes of the world: Barbus andrewi *Barnard, 1937 (Cyprinidae), by D. Impson* 212

The impact of artisanal fishery on a tropical intertidal benthic fish community, by W.F. de Boer, A.M.P. van Schie, D.F. Jocene, A.B.P. Mabote & A. Guissamulo 213–229

Full papers

Weak effects of epibiota on the abundances of fishes associated with pier pilings in Sydney Harbour, by M.A. Coleman & S.D. Connell 231–239

Consequences and modes of morphological diversification of East African and Eurasian barbins (genera *Barbus, Varicorhinus* and *Capoeta*) with particular reference to *Barbus intermedius* complex, by M.V. Mina, A.N. Mironovsky & D. Golani 241–252

Behavioral responses of walleye pollock, *Theragra chalcogramma*, larvae to experimental gradients of sea water flow: implications for vertical distribution, by M.W. Davis 253–260

Growth of the annual fish, *Cynolebias viarius* (Cyprinodontiformes), in the natural habitat compared to laboratory conditions, by A. Errea & E. Danulat 261–268

Extensive introgression of mitochondrial DNA found between two genetically divergent forms of threespine stickleback, *Gasterosteus aculeatus*, around Japan, by M. Yamada, M. Higuchi & A. Goto 269–284

A river metapopulation structure of a Japanese freshwater goby, *Odontobutis obscura*, deduced from allozyme genetic indices, by H. Matsubara, H. Sakai & A. Iwata 285–294

Behavioral thermoregulation by juvenile spring and fall chinook salmon, *Oncorhynchus tshawytscha,* during smoltification, by S.T. Sauter, L.I. Crawshaw & A.G. Maule 295–304

Selection of estuarine nursery habitats by wild-caught and hatchery-reared juvenile red drum in laboratory mesocosms, by G.W. Stunz, P.S. Levin & T.J. Minello 305–313

The relationship between red cod, *Pseudophycis bachus*, recruitment and environmental variables in New Zealand, by M.P. Beentjes & J.A. Renwick 315–328

A caloric-based evaluation of diet indices for largemouth bass, by K.L. Pope, M.L. Brown, W.G. Duffy & P.H. Michaletz 329–339

Brief communication

The diel activity of crucian carp, *Carassius carassius*, in relation to chemical cues from predators, by L.B. Pettersson, K. Andersson & K. Nilsson 341–345

Book critique

The lure of *Latimeria*, by J.W. Atz 347–351

Full papers

Community structure of fishes and habitat complexity on a tropical rocky shore, by C.E.L. Ferreira, J.E.A. Gonçalves & R. Coutinho 353–369

Threatened fishes of the world: Cyprinodon radiosus *Miller, 1948 (Cyprinodontidae), by E.P. Pister* 370

Habitats and littoral zone fish community structure of two natural lakes in southeast Brazil, by V. Vono & F.A.R. Barbosa 371–379

Threatened fishes of the world: Aspiorhynchus laticeps *(Day, 1877) (Cyprinidae), by M.B. Bain & S. Zhang* 380

Use of biochronology to examine interactions of freshwater drum, walleye and yellow perch in the Red Lakes of Minnesota, by J.J. Ostazeski & G.R. Spangler 381–393

Spatial and temporal relations between fluvial and allacustrine Yellowstone cutthroat trout, *Oncorhynchus clarki bouvieri,* spawning in the Yellowstone River, outlet stream of Yellowstone Lake, by L.R. Kaeding & G.D. Boltz 395–406

Depth distribution and abundance of the common bully, *Gobiomorphus cotidianus* (Eleotridae), in three oligotrophic New Zealand lakes, one of which is turbid, by D.K. Rowe, S. Nichols & G.R. Kelly 407–418

A test for male parental care in a fundulid, the bluefin killifish, *Lucania goodei*, by R.C. Fuller & J. Travis 419–426

The effects of hypoxia on three sympatric shark species: physiological and behavioral responses, by J.K. Carlson & G.R. Parsons 427–433

Observations of size-related asymmetries in diet and energy intake of rainbow trout in a regulated river, by T. McKinney & D.W. Speas 435–444

Seasonal stable isotope records of otoliths from ocean-pen reared and wild cod, *Gadus morhua*, by Y. Gao, H.P. Schwarcz, U. Brand & E. Moksness 445–453

Brief communications

Homozygosity and heterozygosity in three populations of *Rivulus marmoratus*, by D.S. Taylor, M.T. Fisher & B.J. Turner 455–459

Silver coelacanths from Spain are not proofs of a pre-scientific discovery, by H. Fricke & R. Plante 461–463

Authors' index 465

Acknowledgements for refereeing 466

Volume contents 467–469

Instructions to authors 471–472